



BEST AVAILABLE COPY

Figure 1

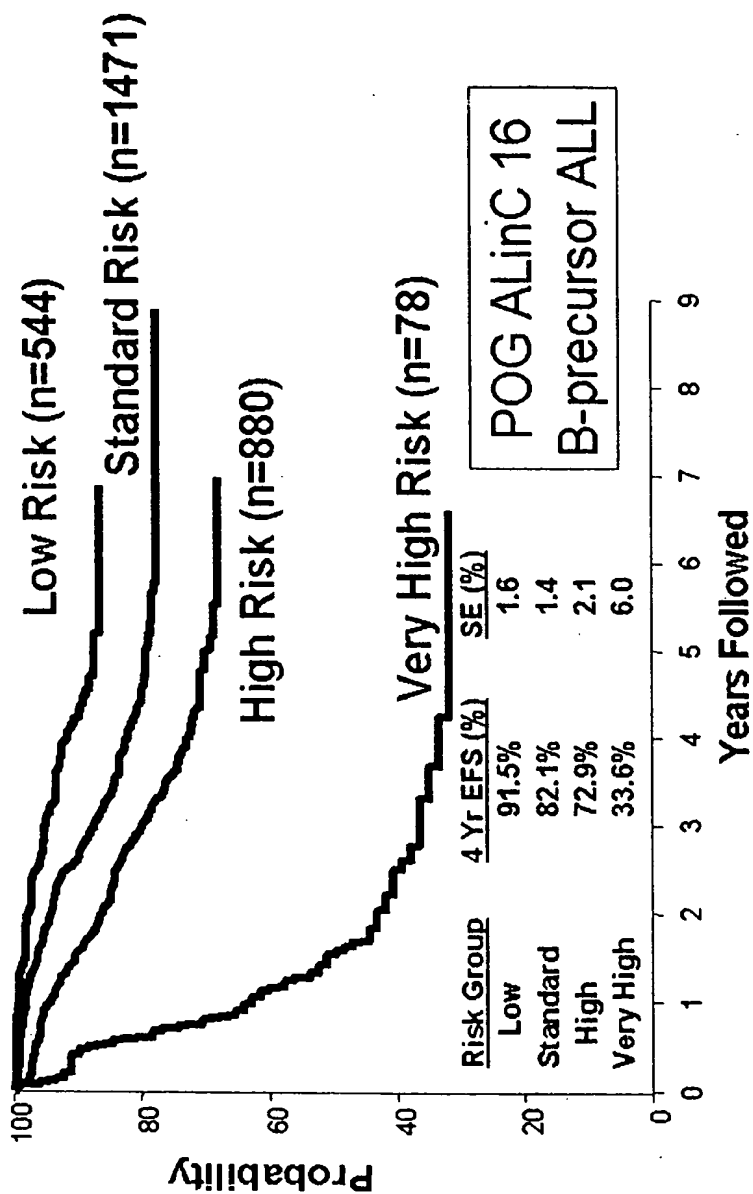


Figure 2A

G0 with Exon 1:

<u>atgccttttccttttgggtcttagacagg</u>	60
M P F L L G L R Q D K E A C V G T N N Q	20
agctacatctgtgacacaggacactgctgtggacagtctcagtgtgcaactactactat	120
S Y I C D T G H C C G Q S Q C C N Y Y Y	40
gaactctgggtggttctggctgggtgtggaccatcatcatcatcctgagctgctgctgtgtt	180
E L W W F W L V W T I I I I L S C C C V	60
tgccaccaccgcccagccaagcaccgccttcaggcccagcagcggcaacatgaaatcaac	240
C H H R R A K H R L Q A Q Q R Q H E I N	80
ctgatcgcttaccgagaagcccacaattactcagcgctgccatttttatttcagggtttttg	300
L I A Y R E A H N Y S A L P F Y F R F L	100
ccaaactattttactacctccttatgaggaagtgggtgaaccgacctccaaactcctccccc	360
P N Y L L P P Y E E V V N R P P T P P P	120
ccatacagtgccttccagctacagcagcagcagctgctgcctccacagtgtggccctgca	420
P Y S A F Q L Q Q Q Q L L P P Q C G P A	140
ggtggcagtcccccgggcatcgatcccaccaggggatcccagggggcacagagcagcccc	480
G G S P P G I D P T R G S Q G A Q S S P	160
ttgtctgagcccagcagaagcagcacaagaccccccaagcatcgctgaccctgatccctct	540
L S E P S R S S T R P P S I A D P D P S	180
gacctaccagttgaccgagcagccaccaaagccccagggatggagcccagtggtctgtgtg	600
D L P V D R A A T K A P G M E P S G S V	200
gctggcctgggggagctggacccgggggccttctggacaagatgcagaatgtagggag	660
A G L G E L D P G A F L D K D A E C R E	220
gagctgctgaaagatgacagctctgaacacggcgaccccgacagcaaagagaagacgcct	720
E L L K D D S S E H G A P D S K E K T P	240
gggagacatcgccgcttcacaggtgactcgggcattgaagtgtgtgtgtgcaaccggggc	780
G R H R R F T G D S G I E V C V C N R G	260
caccatgacgatgacctcaaagagttcaacacactcatcgatgatgctctggatgggccc	840
H H D D D L K E F N T L I D D A L D G P	280
ctggacttctgcgacagctgccatgtgcggccccctggatgaggaggaaggcctctgt	900
L D F C D S C H V R P P G D E E E G L C	300
cagtcctctgaggagcaggctcgagagcctgggcacccgcacctgccacggccgcccgc	960
Q S S E E Q A R E P G H P H L P R P P A	320
tgccctgctgctgaacaccatcaacgagcaggactctccaaactcccagagcagcagctcc	1020
C L L L N T I N E Q D S P N S Q S S S S	340
cccagctagagcaggtcctgccagcaccagcaacttggcaaagcaaccagggtagggga	1080
P S -	342

Figure 2B

G0 with Exon 1a:

<u>atggagaggagaaggctcctgggtggcatggcgctcctgctcctccaggcgctgcccage</u>	60
M E R R R L L G G M A L L L L Q A L P S	20
<u>cccttgctcagccagggtgaacccccgcaggataaggaagcctgtgtgggtaccaacaat</u>	120
P L S A R A E P P Q D K E A C V G T N N	40
caaagctacatctgtgacacaggacactgctgtggacagtctcagtgtgcaactactac	180
Q S Y I C D T G H C C G Q S Q C C N Y Y	60
tatgaactctgggtggttctggctgggtgtggaccatcatcatcctgagctgctgctgt	240
Y E L W W F W L V W T I I I I L S C C C	80
gtttgccaccaccgcgagccaagcaccgccttcaggcccagcagcggaacatgaaatc	300
V C H H R R A K H R L Q A Q Q R Q H E I	100
aacctgatcgcttaccgagaagcccacaattactcagcgctgccattttatttcagggtt	360
N L I A Y R E A H N Y S A L P F Y F R F	120
ttgccaaactatttactacctccttatgaggaagtggatgaaccgacctccaactcctccc	420
L P N Y L L P P Y E E V V N R P P T P P	140
ccaccatacagtgccttccagctacagcagcagcagctgctgcctccacagtgtggcct	480
P P Y S A F Q L Q Q Q Q L L P P Q C G P	160
gcaggtggcagtcccccgggcatcgatcccaccaggggatcccagggggcacagagcagc	540
A G G S P P G I D P T R G S Q G A Q S S	180
cccttgctctgagcccagcagaagcagcacaagaccccaagcatcgctgaccctgatccc	600
P L S E P S R S S T R P P S I A D P D P	200
tctgacctaccagttgaccgagcagccaccaagccccagggatggagcccagtggtct	660
S D L P V D R A A T K A P G M E P S G S	220
gtggctggcctgggggagctggaccgggggccttctggacaaagatgcagaatgtagg	720
V A G L G E L D P G A F L D K D A E C R	240
gaggagctgctgaaagatgacagctctgaacacggcgaccccgacagcaaagagaagacg	780
E E L L K D D S S E H G A P D S K E K T	260
cctgggagacatcgccgcttcacaggtgactcgggcattgaagtgtgtgtgtgcaaccgg	840
P G R H R R F T G D S G I E V C V C N R	280
ggccaccatgacgatgacctcaaagagttcaacacactcatcgatgatgctctggatggg	900
G H H D D D L K E F N T L I D D A L D G	300
cccctggacttctgcgacagctgccatgtgcggccccctgggtgatgaggaggaaggcctc	960
P L D F C D S C H V R P P G D E E E G L	320
tgtcagtcctctgaggagcaggctcgagagcctgggcacccgcacctgccacggccgccc	1020
C Q S S E E Q A R E P G H P H L P R P P	340
gcattgctgctgtgaacaccatcaacgagcaggactctcccaactcccagagcagcagc	1080
A C L L L N T I N E Q D S P N S Q S S S	360
tccccagctagagcaggtcctgccagcaccacgcaacttggaagcaaccagggtagg	1140
S P S -	363

Figure 2C

TGTTTACTTTGTCTGCTTTGCTAAAGAAGGCCGGTGAACCAGGACCACCGCACACACAGG	60
CCCACCAGGGGCAATGCTCATTCCAAGACCTTAACCTTTAAGAGCCCTTTGTTC AACCGT	120
TAGTGTGGACGATGCTCTTG CAGGATGCCTTTTCCTTTTGGGTCTTAGACAGGATAAGGAA	180
GCCTGTGTGGGTACCAACAATCAAAGCTACATCTGTGACACAGGACACTGCTGTGGACAG	240
TCTCAGTGTGCAACTACTACTATGAACTCTGGTGGTTCTGGCTGGTGTGGACCATCATC	300
ATCATCCTGAGCTGCTGCTGTGTTTGCCACCACCGCCGAGCCAAGCACCGCCTTCAGGCC	360
CAGCAGCGGCAACATGAAATCAACCTGATCGCTTACCGAGAAGCCCACAATTACTCAGCG	420
CTGCCATTTTATTTTCAGGTTTTTGCCAAACTATTTACTACCTCCTTATGAGGAAGTGGTG	480
AACCGACCTCCAACCTCCTCCCCACCATAACAGTGCCTTCCAGCTACAGCAGCAGCAGCTG	540
CTGCCCTCCACAGTGTGGCCCTGCAGGTGGCAGTCCCCCGGGCATCGATCCCACCAGGGGA	600
TCCCAGGGGGCACAGAGCAGCCCTTGTCTGAGCCCAGCAGAAGCAGCACAAAGACCCCCA	660
AGCATCGCTGACCTGATCCCTCTGACCTACCAGTTGACCGAGCAGCCACCAAAGCCCCA	720
GGGATGGAGCCCAGTGGCTCTGTGGCTGGCCTGGGGGAGCTGGACCCGGGGGCCCTTCCTG	780
GACAAAGATGCAGAATGTAGGGAGGAGCTGCTGAAAGATGACAGCTCTGAACACGGCGCA	840
CCCGACAGCAAAGAGAAGACGCCTGGGAGACATCGCCGCTTCACAGGTGACTCGGGCATT	900
GAAGTGTGTGTGTGCAACCGGGGCCACCATGACGATGACCTCAAAGAGTTCAACACACTC	960
ATCGATGATGCTCTGGATGGGCCCCCTGGACTTCTGCGACAGCTGCCATGTGCGGCCCCCT	1020
GGTGATGAGGAGGAAGGCCTCTGTGAGTCCCTCTGAGGAGCAGGCTCGAGAGCCTGGGCAC	1080
CCGCACCTGCCACGGCCGCCCGCATGCCTGCTGCTGAACACCATCAACGAGCAGGACTCT	1140
CCCAACTCCCAGAGCAGCAGCTCCCCAGCTAGAGCAGGTCTTGCCAGCACCCAGCAACT	1200
TGGCAAAGCAACAGGGTAGGGGAGAACACGAGAGAAGCATTAAGTGACTTTCAAAGAC	1260
TTTCAGAGTACAGCCACTTGGTTCCCTTTTGTGTTTGTGTTTCCCTCTCCTCTCCTGCATTTT	1320
CCTCCATCTCCAGGTACAGTTCGGGGTGTGGATGCCTCTTCTCCACAAGGGCACAGTGT	1380
TGTGGAGGGCTAAGTTGGTTCTGTGACTCATTCTCATACCCTAACCTCATCTCCTTTCT	1440
TTAAAGTCAAATCTCACCTACCTGTTTGGGTGAGAGAGATGTGTTTGAAGCCCCCAAG	1500
GAAGGAGGCTGGGACTGTGCCCTGACATGATTCTTGGTGATGGAATAGGTTTGTGCTCTG	1560
ATTCTAGTTTAAGAGAACGTTGCTGTATCTCAGTCCAGGAGAGGCAGCCCATCTTGGCCC	1620
TGGATGAAGAAGGAAACCCACAGAGGCCAGGGCTTGTCAATTGGGCTGCCAGTGTCTGCC	1680
AAGCCAGCTATTGAGCTAATCCTGTGGGAGGATGAGAGCTACTGGGCCGTTGTATGATAGG	1740
TTGGTAGGGGCTTGTGATCTGTCAAATTCAGGTGACAAGATCTATGCACCCCATGCGT	1800
CCTTGAGGGGCCTCTTCCCCGCAGGCTCTGGCTGGCCGAGGCTGGTTCTGGTGTGAAAG	1860
GTTATACTGCCTTTTCTTTGTTTGTGTTTGTGTTTCTCTAAAAACAAACAGCAAAAGACA	1920
GCTGAAAACAAGAACTTCACCGGTGGGCAGGCAAGAATTCTTCTGGAAAATGACGTTT	1980
GTGGCTCTTTCCCAAGTTGGCCTTCAAAGAGCCTGCCTGCTGTTGAGCCAGAAGATGTCT	2040
CGTGTGAAGGCTGGGGTGGCGGCTGTCTTGGAACCTCTGTGAGCAGGAGGCCCTAAGCCG	2100
CAGCAGTGGATAGAGGTGCAGCTCTCTGCCTCTCTGCCCTTTGGTCTGTGTTTACAGGTG	2160
ACCCGTGTGAGCTGCATCGCAAGCACACACCTGCGGGCCTTCAAGTCTCACTGTTCCG	2220
TATGAGGAAACAGACAGCGGACTGAGGAAGCGATGGCCCCAGAGAAAGGGCCCCCTGTAGC	2280
CTGGCTCTCACACAGTATTTTATCTTTGATTCTGAATAAATATTTTTTGTGGGGTTTTTT	2340
TTTTTTTTTTTGGTGGCAGTTGTTTGTGTTTAAACTGACCACTTGAAGAAACACCTTGGTT	2400
ATCTGTGGTTTTTCATGCCTTGTCCCTGCCTCTACCCCCACCCCTTTTGAGTCGGGTGACT	2460
CATTTTTTCTGTGTAGAGACTCGGTGGCCCAAGCAGGAGGTGAAAGCAGCCATCCGGAAGG	2520
CCCTGGGGACCCTTGTGCCTGTTGCTCGCCTTCAGGTCACCAGCTGAGCTGCGATAGGAA	2580
AATCTGAATGGAGGCAGCAAAACAGCCAAAAACAAACATTCCCCACCCGGCCCTGTGCATAT	2640
GAAGTCTTTCTTCCCCCAACTCTTGAACGATGATGATATTACAGACGAAGCATTGATGTTA	2700
TGGAAGAAAGAAAGAAACAAACAAAAATATATATATATGTCCAAAAACAGACAAATCCA	2760
AGGGTGTGAGGTAAACGAGTGTCTGCATTTAGATTCCACAAAACCAAATCCATGTTGAA	2820
CAAAGTTAAGTCCGTACACAGTGACTTTTTGGGTGAGCCGTGTGTGTCTGTCTGTGTGT	2880
GTGTGCCTCAAGCCCTGTTTTCTGTGAAGATACTTTGAGTGGCAGCCATTCTCTCCACG	2940
TGAACCACACGTCTGGAGCACAGACAGGCCTCTCAAGGTCATTGATCTTACGCATTTACT	3000
GTTTACCGAACAAATGTCTGACTGTGTACTCGGGTGTACTCCGCAGCATTGTGCACTGCA	3060
GTCCCTGTGTTTGCCAGAGATACTGTGCTCGAAGTAGAGGTTTTACTCTACTCATCACT	3120
GCGATTTGCACATTGCTCCGTGGACACTCGGAGGCCTGCGTTCTGTTCCCTATAAATGGA	3180
AGCGTGTCTGAGCCTGTCTGCCTCCCTCGGCTGCTGCTGGTCCCTCAGTACCAGCGCCCCG	3240
GGGGTGTCCACAACCACTTGGGACAGAAGAAGTGGAAATTCAGACAGAAGCTTGACTGG	3300
GTCTTCAATGACAGGCTTGACTAGCTGTGGCCAGACATCGGCCCTGCCAGAATTGCC	3360
AGGAGGAGGCTTTGCAGGCTCTAGAGGAGCCGAGGGCCTGCCTGCCTCTGGTGAGTCCA	3420
ACAGGCACAAGCAAGCTGGCGTGTGGCCAGAGGTAGCCGGAGTGTGTACAGCCCCCTCAG	3480

Figure 2C (continued)

ATGCCTTTCCTTCCACCTTTTTTTTTTATTTTTTAAGAATCCCAAATAACTCACTGAAGTG	3540
TCTCAAAGGCGAACAAGTTTTACCAAAATGAATCCTTTTTTCAGTTAACAGATCAAATGGA	3600
TGAGTTCTGAGCCTCTCAAGTTCCTTTCCCCAGTTAGAGTGGGGAAGTGGGCAAGTGTTA	3660
ACTGTGGGACTCACTGCAGCGTCCTATCCTAAAGGCACGAGAAGACGGAAATGCAACCTG	3720
CGGAGCTGGGCTTGGTTCCCAGGTCACAGTTTGGCCCCCGCTACAGGATGCTGCCCTGCT	3780
CAGAGAGAGATTTAATAGGGAGCTGAAGGAATCGTTAGGGGGCCAGGGAGATGTGACTGA	3840
GGCTGGCTTTCCACGTGAATGAGACGGGGTCGGTGGAGGGTTTGGTGCTACAGCCAGTCA	3900
GAAGATTTGCAAATGCCAACACATTCCTGTGTGAGGCACGTTACCCTTTGTCAGTTATTG	3960
TGAATATGTGTATTTTAAGCAATAAGATTCAGCTGGTCAGACTTTTCTGGGCAGTCTCAG	4020
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GCCCAAATAAAATTGATCCCCAAAATGAAAAAAAAAAAAA	4122

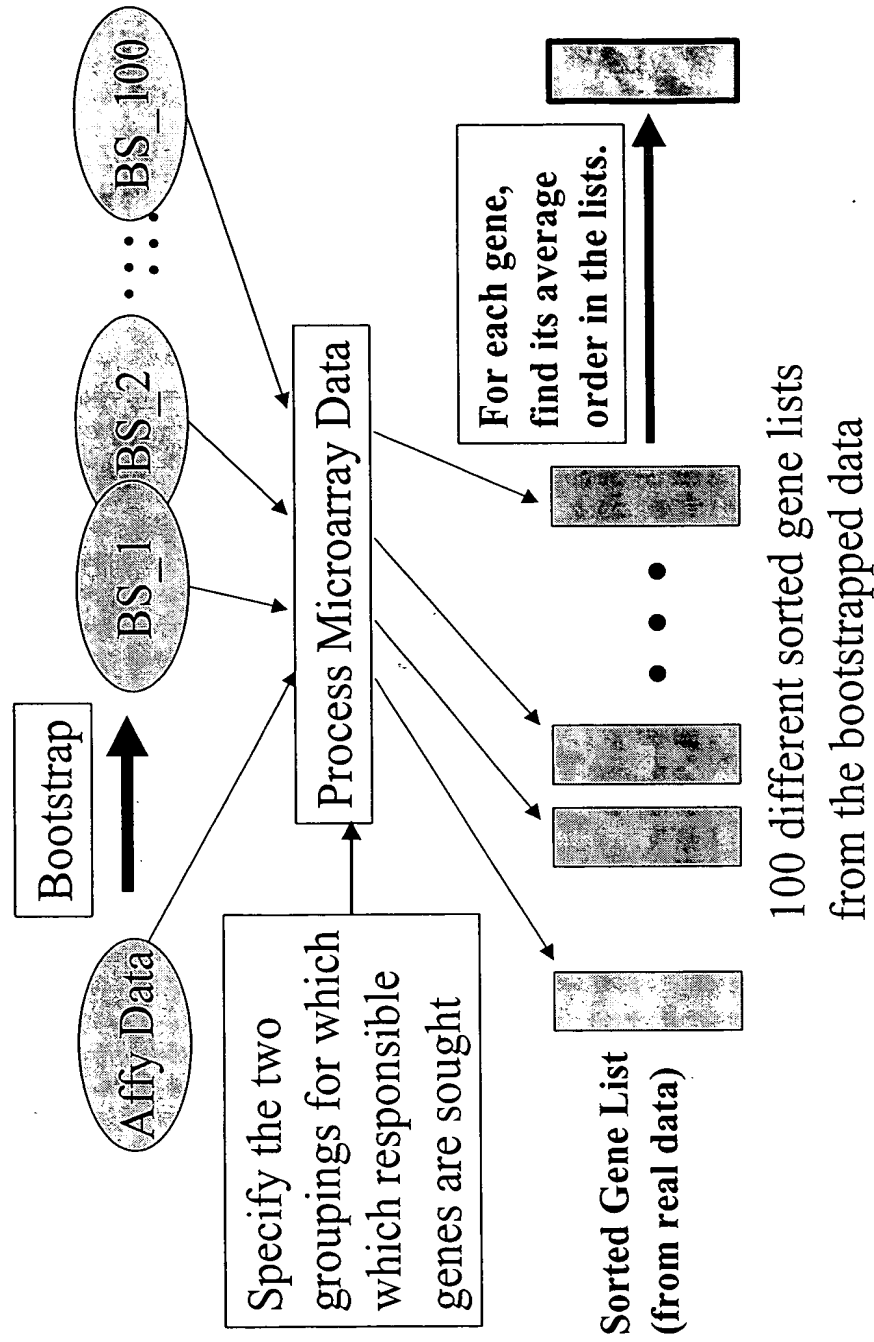


Figure 3

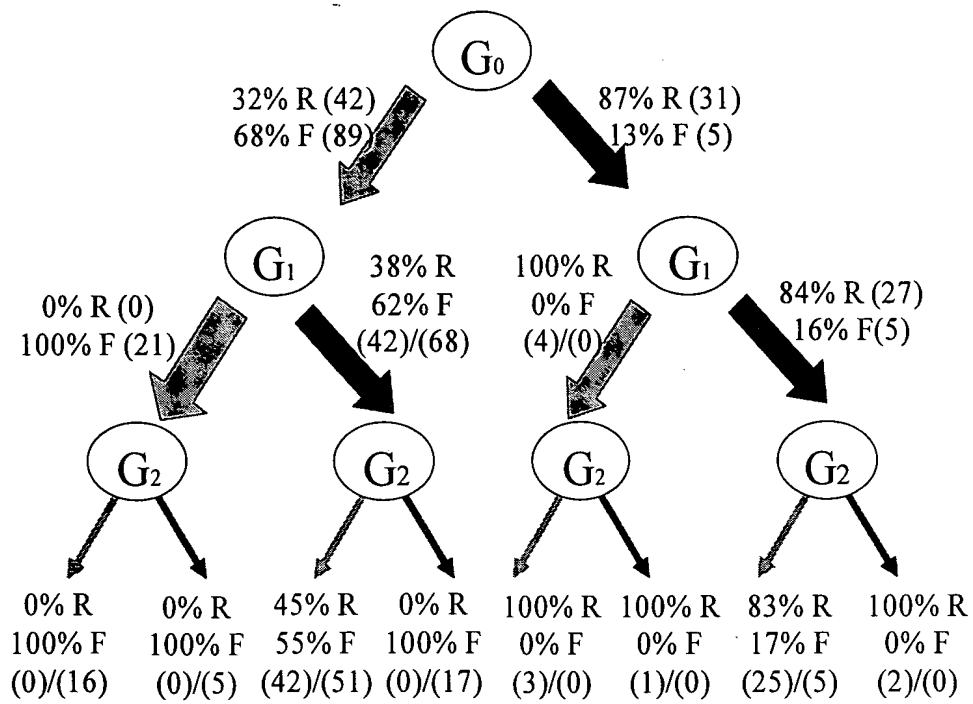
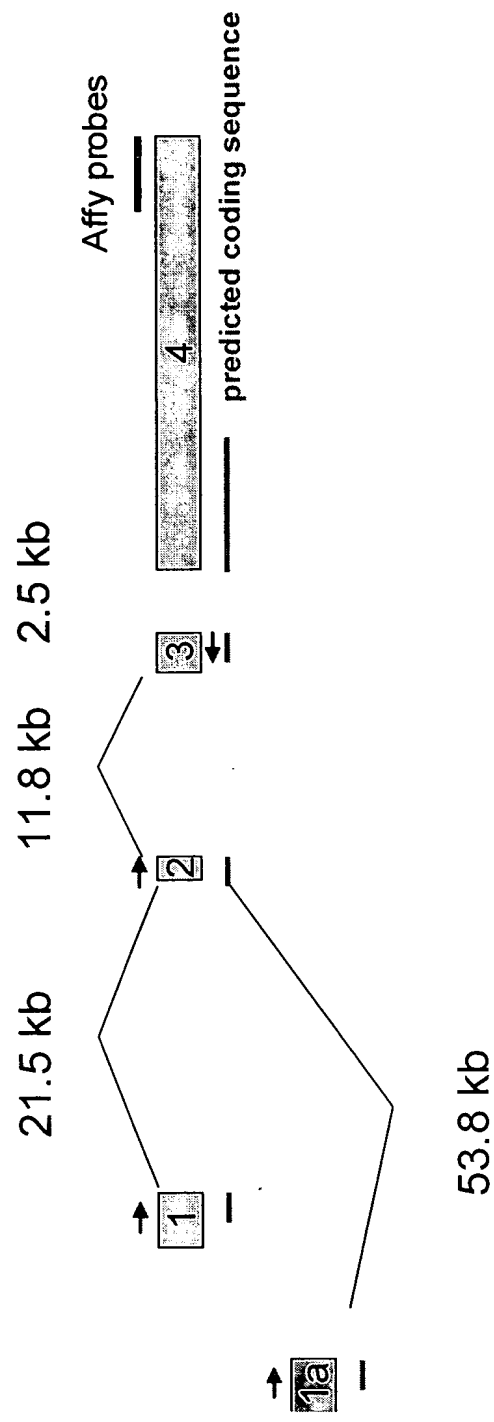


Figure 4

Figure 5

G₀ Structure (ch 10q24)



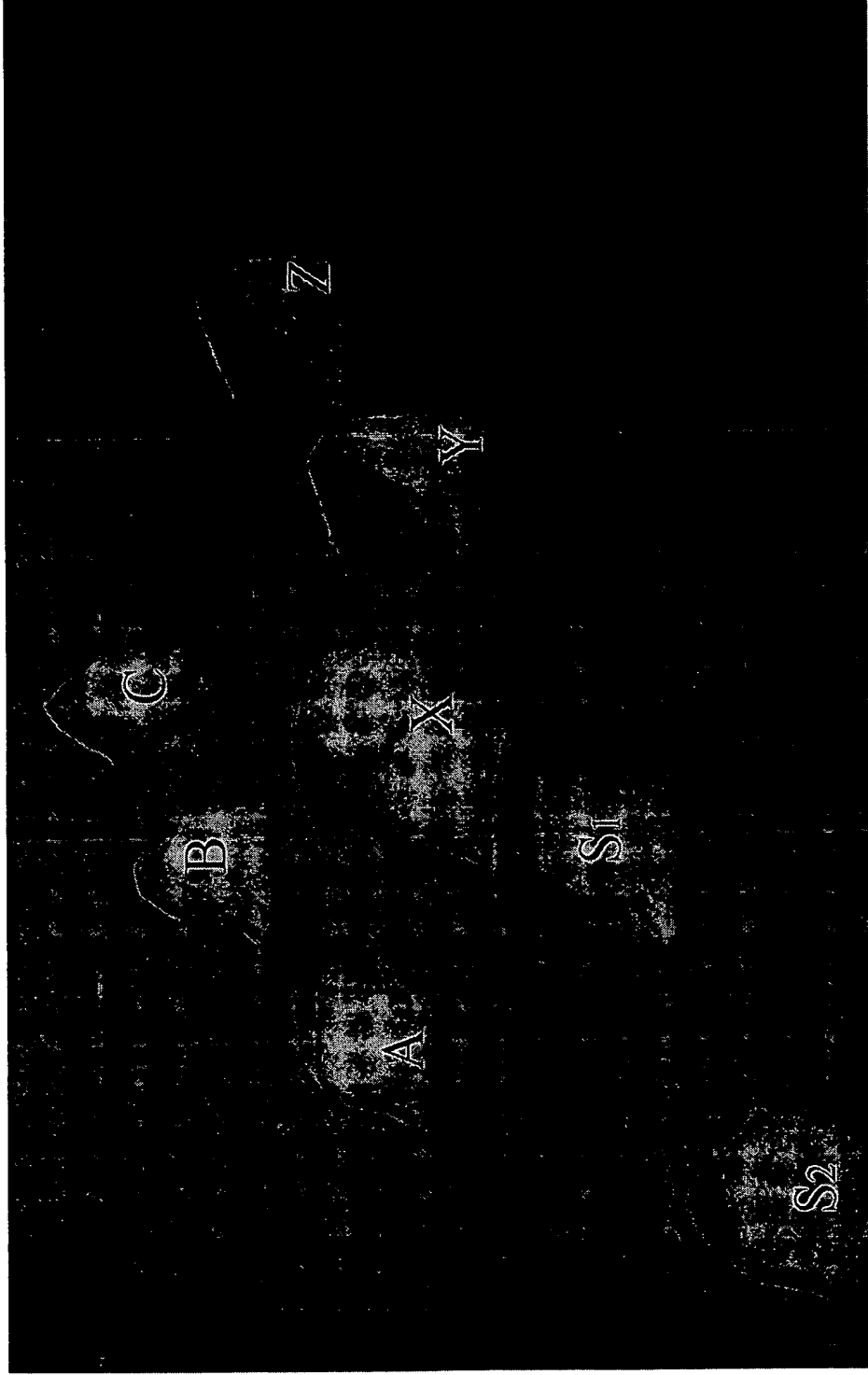


Figure 6A

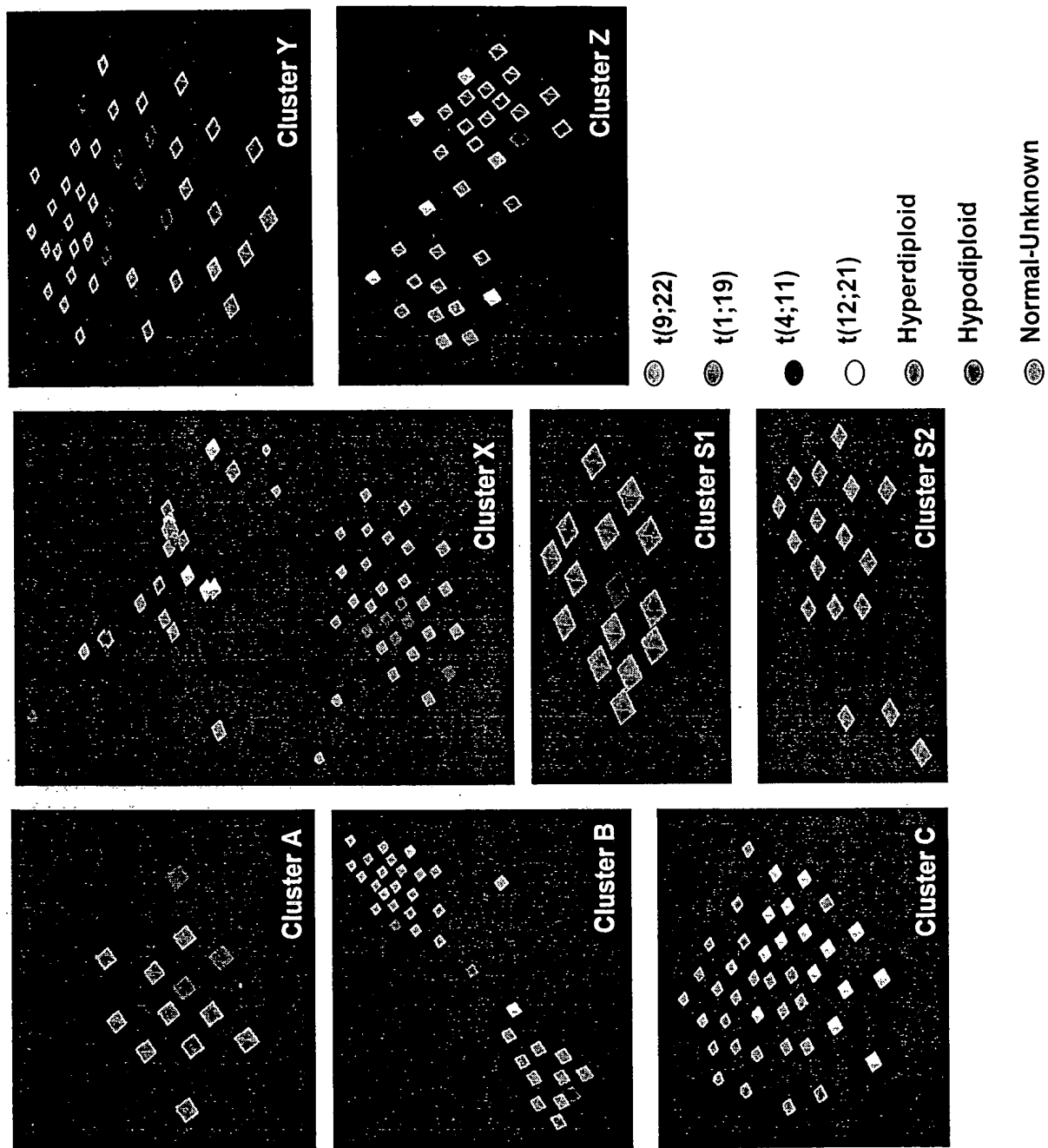


Figure 6B

Figure 7

T-cell leukemia characterizing genes by PCA		T-ALL Group characterizing genes (from Yeoh et al, 2002)						CBFS	
T-cell characterizing genes by VxInsight		Chi square	T statistics	Wilkins	SOM w/DA	T-ALL	T-ALL		
		T-ALL	T-ALL	T-ALL	T-ALL	T-ALL	T-ALL		
1 2054 q at	1 33319 at	63 36773 at	1 38242 at	1 38242 at	1 38242 at	1 38242 at	1 38242 at		
2 3819 at	2 38147 at	54 38750 at	2 3819 at	2 3819 at	2 3819 at	2 3819 at	2 3819 at		
3 33238 at	3 39226 at	55 41609 at	3 39226 at	3 39226 at	3 39226 at	3 39226 at	3 39226 at		
4 37986 at	4 33238 at	56 37986 at	4 33238 at	4 33238 at	4 33238 at	4 33238 at	4 33238 at		
5 2099 s at	5 2059 s at	57 38893 at	5 2059 s at	5 2059 s at	5 2059 s at	5 2059 s at	5 2059 s at		
6 38147 at	6 39294 at	58 41723 at	6 39294 at	6 39294 at	6 39294 at	6 39294 at	6 39294 at		
7 40688 at	7 31891 at	59 37403 at	7 31891 at	7 31891 at	7 31891 at	7 31891 at	7 31891 at		
8 31891 at	8 38949 at	60 36473 at	8 38949 at	8 38949 at	8 38949 at	8 38949 at	8 38949 at		
9 2057 q at	9 39344 at	61 36941 at	9 39344 at	9 39344 at	9 39344 at	9 39344 at	9 39344 at		
10 34416 at	10 33095 at	62 39319 at	10 33095 at	10 33095 at	10 33095 at	10 33095 at	10 33095 at		
11 32794 g at	11 38096 at	63 36878 at	11 38096 at	11 38096 at	11 38096 at	11 38096 at	11 38096 at		
12 36108 at	12 38031 at	64 907 at	12 38031 at	12 38031 at	12 38031 at	12 38031 at	12 38031 at		
13 40570 at	13 40638 at	65 33121 g at	13 40638 at	13 40638 at	13 40638 at	13 40638 at	13 40638 at		
14 39114 at	14 10961 at	66 41468 at	14 10961 at	14 10961 at	14 10961 at	14 10961 at	14 10961 at		
15 36021 at	15 11053 at	68 37849 at	15 11053 at	15 11053 at	15 11053 at	15 11053 at	15 11053 at		
16 33440 at	16 40954 at	69 38253 at	16 40954 at	16 40954 at	16 40954 at	16 40954 at	16 40954 at		
17 36941 at	17 35016 at	70 34033 at	17 35016 at	17 35016 at	17 35016 at	17 35016 at	17 35016 at		
18 35703 at	18 40775 at	71 41819 at	18 40775 at	18 40775 at	18 40775 at	18 40775 at	18 40775 at		
19 32649 at	19 40775 at	72 35985 at	19 40775 at	19 40775 at	19 40775 at	19 40775 at	19 40775 at		
20 296 at	20 38547 at	73 33821 at	20 38547 at	20 38547 at	20 38547 at	20 38547 at	20 38547 at		
21 32257 f at	21 36277 at	74 172 at	21 36277 at	21 36277 at	21 36277 at	21 36277 at	21 36277 at		
22 35681 f at	22 41165 g at	75 37759 at	22 41165 g at	22 41165 g at	22 41165 g at	22 41165 g at	22 41165 g at		
23 31383 at	23 41523 at	76 36937 s at	23 41523 at	23 41523 at	23 41523 at	23 41523 at	23 41523 at		
24 32607 at	24 38315 at	77 33641 g at	24 38315 at	24 38315 at	24 38315 at	24 38315 at	24 38315 at		
25 32606 at	25 38917 at	78 41156 at	25 38917 at	25 38917 at	25 38917 at	25 38917 at	25 38917 at		
26 36408 at	26 38833 at	79 37890 at	26 38833 at	26 38833 at	26 38833 at	26 38833 at	26 38833 at		
27 31431 at	27 39119 s at	80 39273 at	27 39119 s at	27 39119 s at	27 39119 s at	27 39119 s at	27 39119 s at		
28 1891 at	28 40147 at	81 41409 at	28 40147 at	28 40147 at	28 40147 at	28 40147 at	28 40147 at		
29 35105 at	29 37039 at	82 40155 at	29 37039 at	29 37039 at	29 37039 at	29 37039 at	29 37039 at		
30 39119 s at	30 31110 at	83 33291 at	30 31110 at	30 31110 at	30 31110 at	30 31110 at	30 31110 at		
31 37251 s at	31 3771 s at	84 36658 at	31 3771 s at	31 3771 s at	31 3771 s at	31 3771 s at	31 3771 s at		
32 1404 r at	32 41164 at	85 38581 at	32 41164 at	32 41164 at	32 41164 at	32 41164 at	32 41164 at		
	33 39248 at	86 33316 at	33 39248 at	33 39248 at	33 39248 at	33 39248 at	33 39248 at		
	34 34927 at	87 37598 at	34 34927 at	34 34927 at	34 34927 at	34 34927 at	34 34927 at		
	35 39799 at	88 36808 at	35 39799 at	35 39799 at	35 39799 at	35 39799 at	35 39799 at		
	36 1498 at	89 39044 s at	36 1498 at	36 1498 at	36 1498 at	36 1498 at	36 1498 at		
	37 39930 at	90 33777 at	37 39930 at	37 39930 at	37 39930 at	37 39930 at	37 39930 at		
	38 40630 at	91 32793 at	38 40630 at	38 40630 at	38 40630 at	38 40630 at	38 40630 at		
	39 37861 at	92 39739 at	39 37861 at	39 37861 at	39 37861 at	39 37861 at	39 37861 at		
	40 37078 at	93 41097 at	40 37078 at	40 37078 at	40 37078 at	40 37078 at	40 37078 at		
	41 35643 at	94 38522 s at	41 35643 at	41 35643 at	41 35643 at	41 35643 at	41 35643 at		
	42 38017 at	95 41166 at	42 38017 at	42 38017 at	42 38017 at	42 38017 at	42 38017 at		

T-cell genes shared between PCA & Yeoh et al, 2002

T-cell genes shared between VxInsight (ANOVA) and Yeoh et al, 2002

Present in all gene lists (PCA, VxInsight and Yeoh et al, 2002)

[illegible]

Figure 8

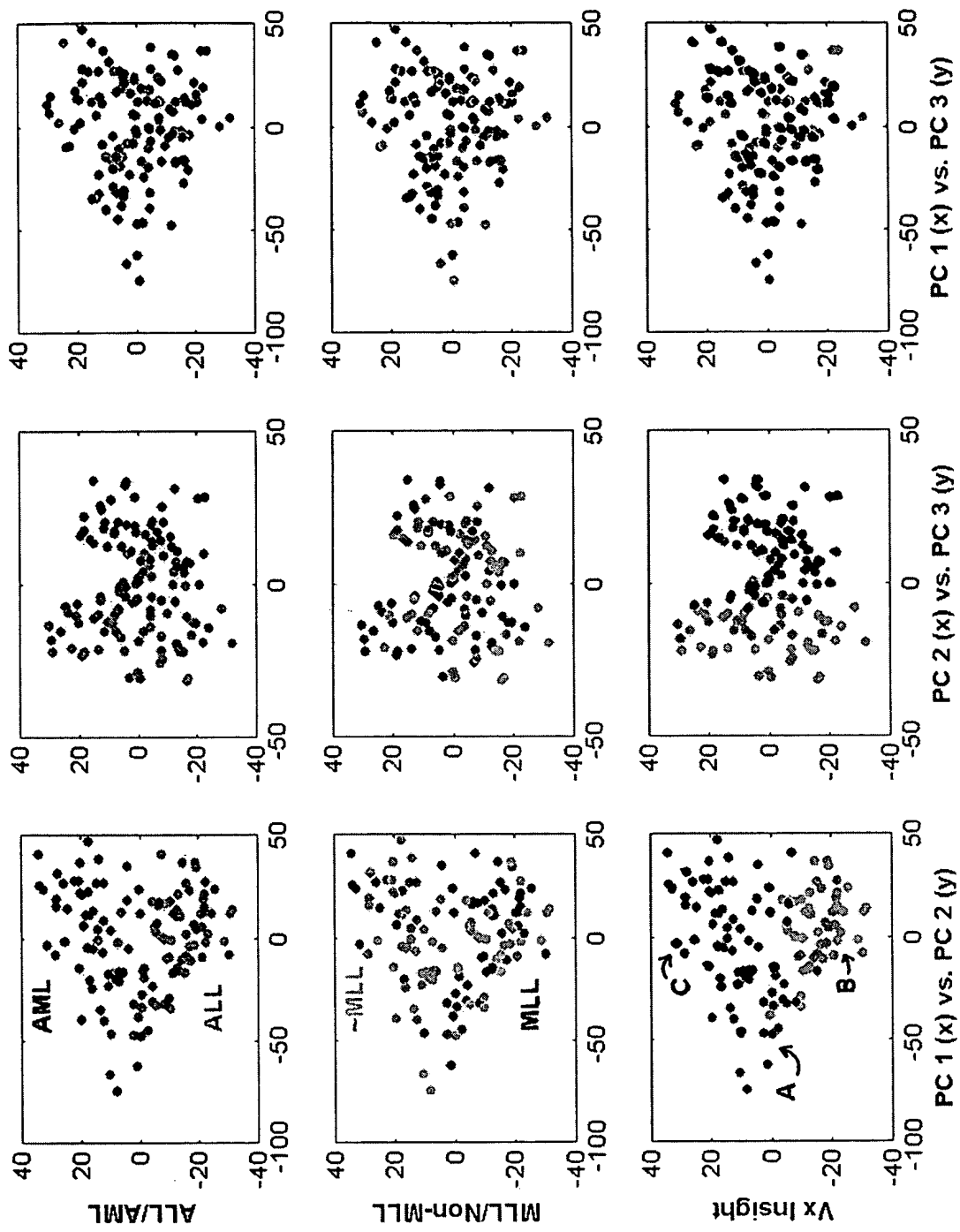


Figure 9

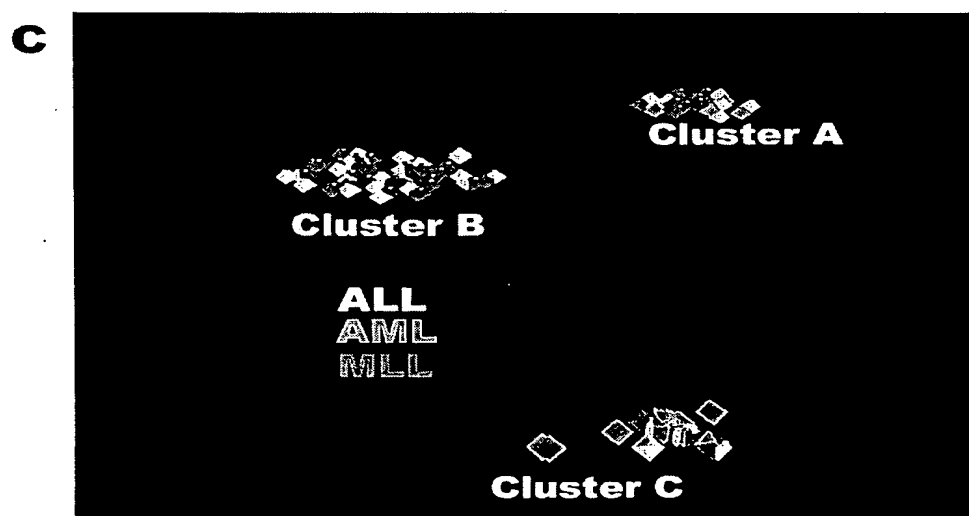
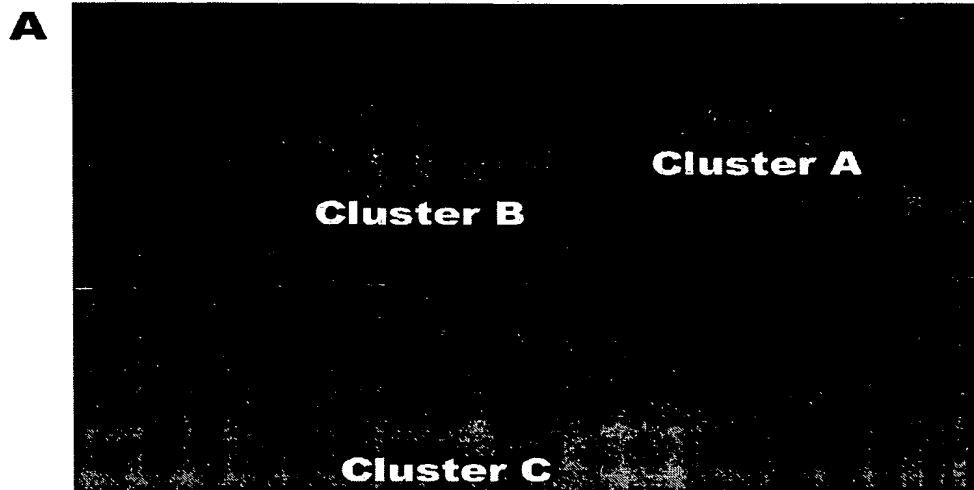


Figure 10

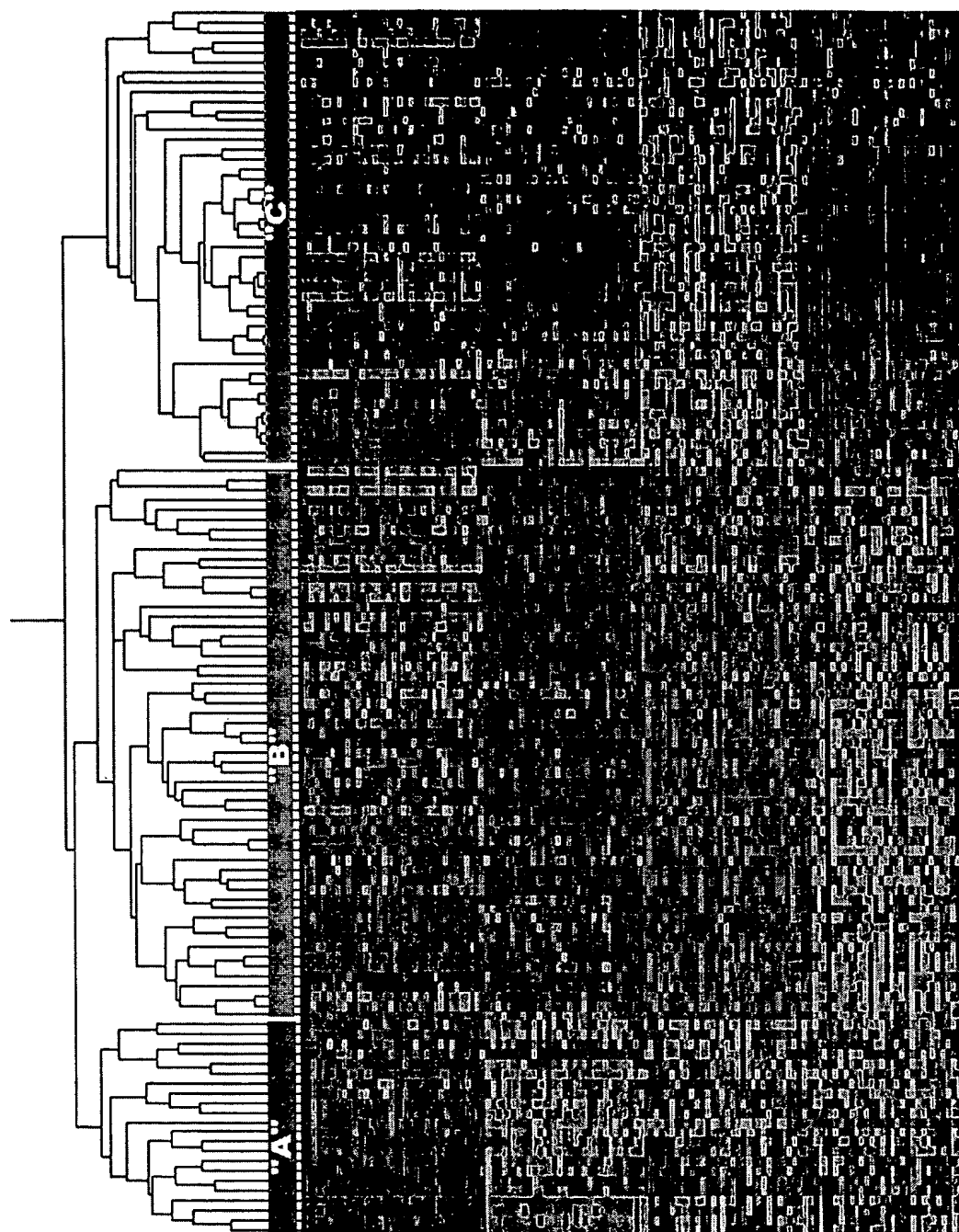
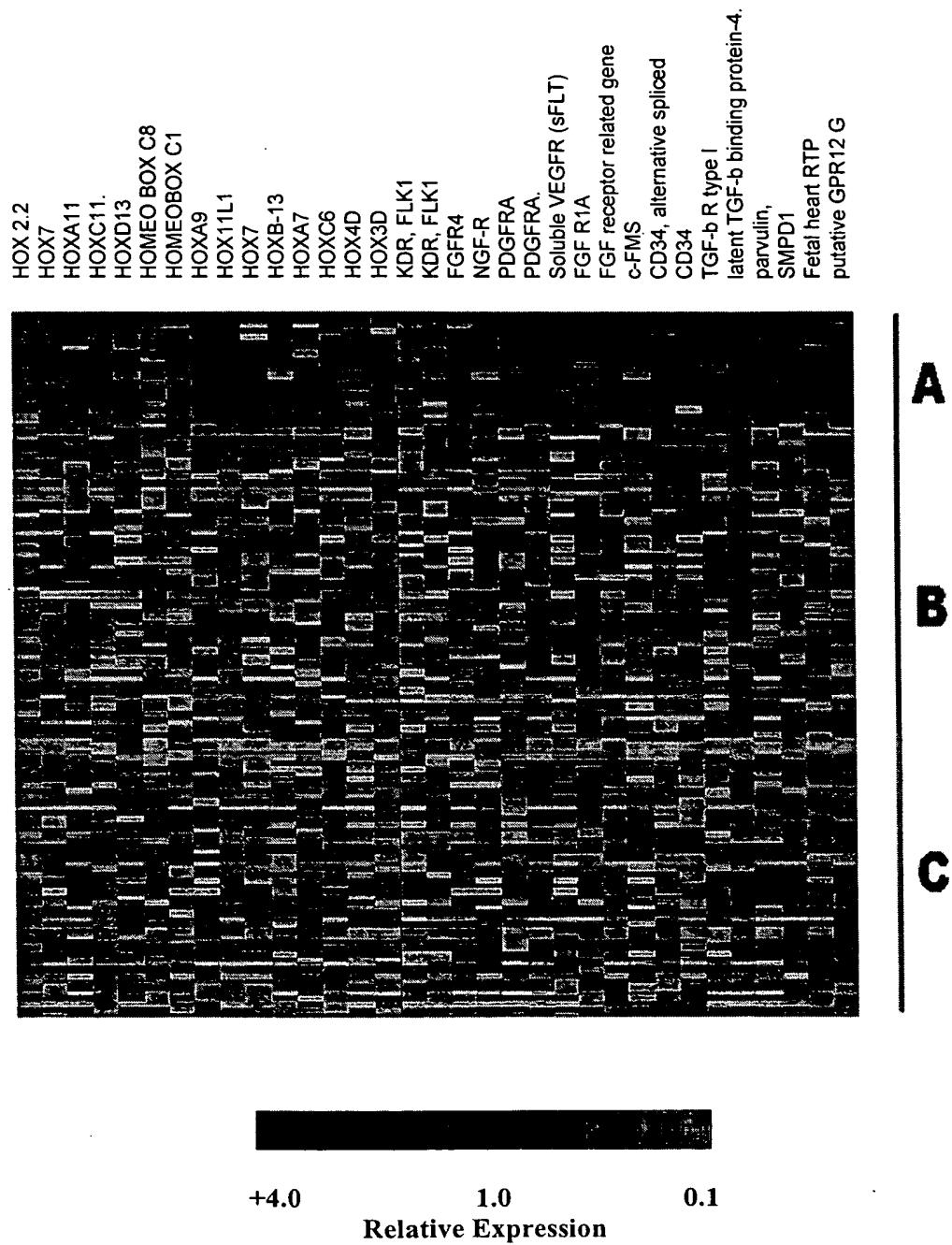


Figure 11

Figure 12A



Hox genes exhibiting higher expression in Infant Leukemia
VxInsight cluster A

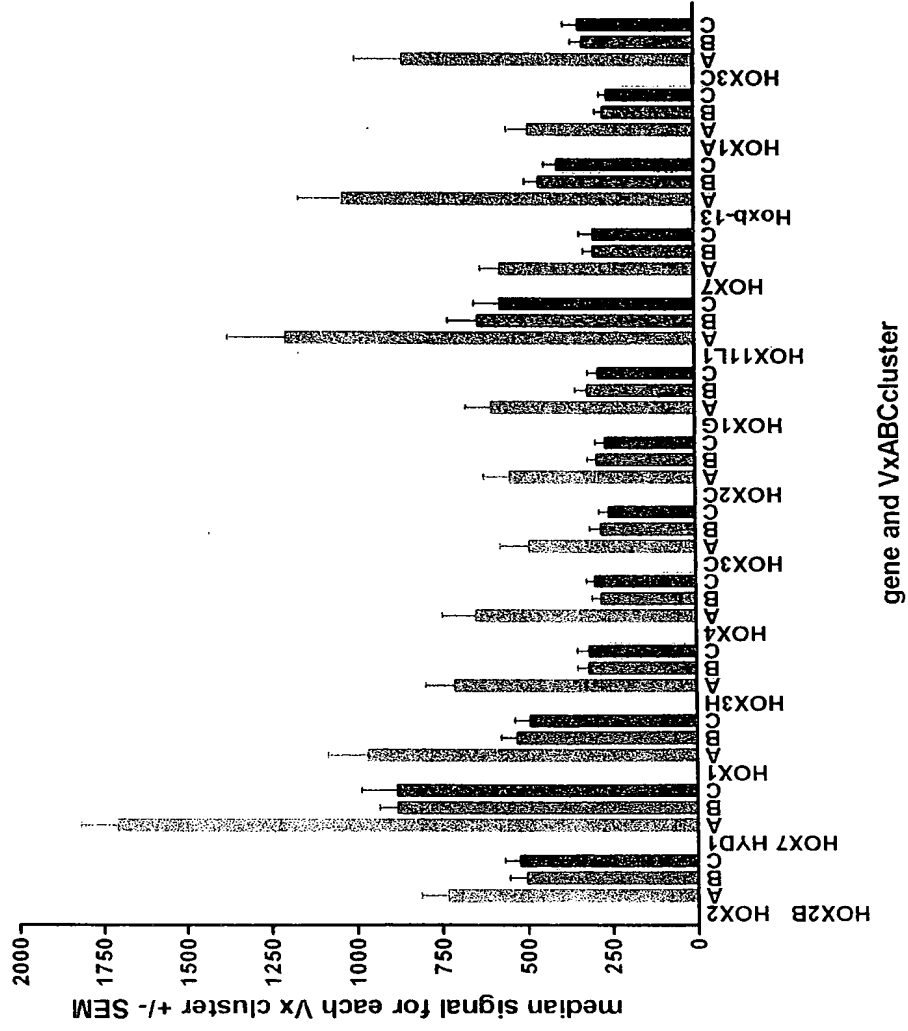
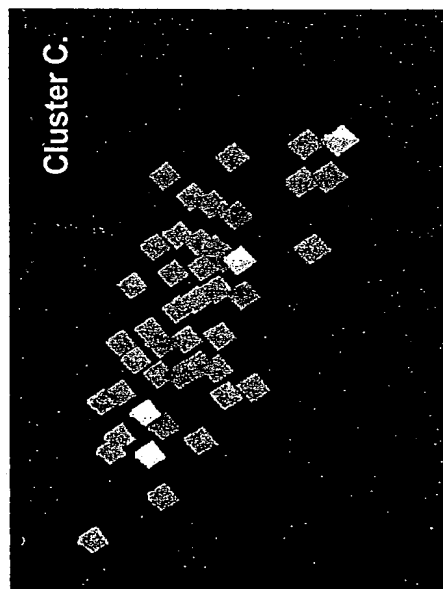
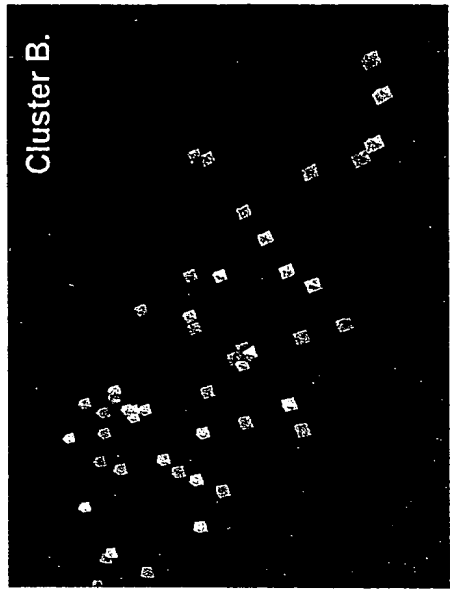
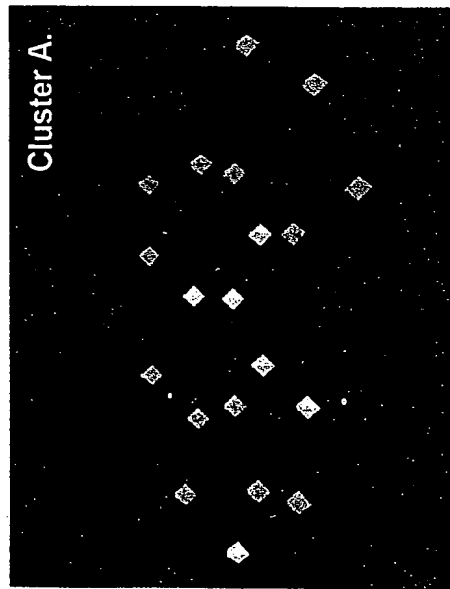


Figure 12B



- $t(4;11)$
- $t(10;11)$
- $t(11;19)$
- $t(9;11)$
- $t'(1;11)$
- $t(X;11)$

Figure 13

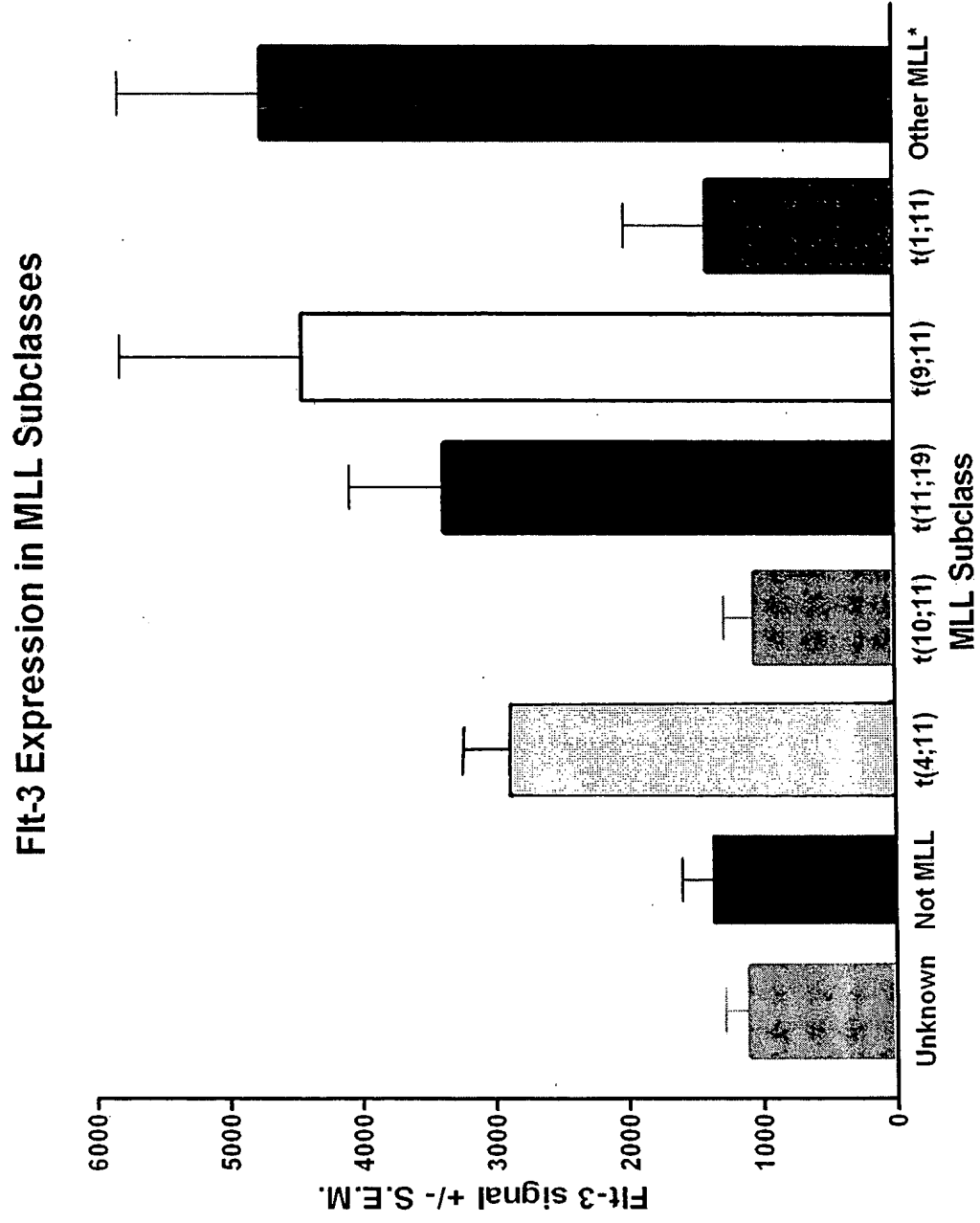


Figure 14

Contrast t(4;11) in A vs. B	Symbol	Contrast t(4;11) in A vs. B, Continuation	Symbol
guanosine monophosphate reductase	GMPR	kallikrein 3 prostate specific antigen	KLK3
ephrin-A3	EFNA3	poly rC binding protein 3	
jumping translocation breakpoint	JTB	small proline-rich protein 2C	SPRR2C
prefoldin 5	PFDN5	CD40 antigen	TNFRSF5
nuclear factor I/X CCAAT-binding transcription factor	NFIX	ubiquitin-conjugating enzyme E2I homologous to yeast UBC9	UBE2I
calcium/calmodulin-dependent protein kinase CaM kinase II	CAMKG	phosphate carrier precursor isoform 1a	PHC
fibrinogen alpha chain isoform alpha preproprotein	FGA	phosphodiesterase 6G cGMP-specific rod gamma	PDE6G
sodium channel voltage-gated type IV alpha polypeptide	SCN4A	erythroblast macrophage attacher	
small nuclear ribonucleoprotein polypeptide A	SNRPA1	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	LYN
myosin-binding protein C slow-type	MYBPC1	integrin alpha 3 isoform b precursor	ITGA3
similar to S. cerevisiae RER1		1-acylglycerol-3-phosphate O-acyltransferase	AGPAT1
S100 calcium-binding protein A4	S100A4	epididymal secretory protein 19.5kD	NPC2
ubiquitin specific protease proto-oncogene	USP4	immunoglobulin-binding protein 1	IGBP1
hydroxyacyl-Coenzyme A dehydrogenase	HADHA	eukaryotic translation initiation factor 3 subunit 7 zeta 66/67kD	EIF3S7
ATP synthase H transporting mitochondrial F1 complex	ATP50	C1q-related factor	
bone morphogenetic protein 1 isoform 4 precursor	BMP1	ataxin 2 related protein isoform 2	
ribosomal protein 36AL	RPL36AL	periplakin	PPL
sorting nexin 3		erythroid differentiation and denucleation factor 1	
chaperonin containing TCP1 subunit 8 theta		unknown protein LOC51035	
transmembrane trafficking protein	TMP21	complement component 1 inhibitor	HAE
eukaryotic translation initiation factor 3 subunit 4	EIF3S4	NADH dehydrogenase ubiquinone Fe-S protein	NDUFS3
B7 protein	B7	small nuclear ribonucleoprotein D2 polypeptide	SNRPD2

Figure 15

MLL vs. not MLL	MLL_t(4;11) vs NOT	MLL_t(10;11) vs NOT	MLL_t(11;19) vs NOT	MLL_t(9;11) vs NOT	MLL_t(1;11) vs NOT	Other MLL
UBN1	BMI1	RUNX3	H2AFY	TRADD	FTL	VPS45A
HCLS1	MICB	SH3BP1	IGHG3	RPL26	PBEF	PSME2
KIAA0945	S100A11	HMGCR	FACVL1	TCFL4	LGALS3	LENG4
NFATC3	CG018	HGF	ERH	COX7C	PDXK	B2M
MD-1	DOK1	ESRRA	IRAK1	DOC-1R	HPR	CPD
TRA@	SYNGR2	CDKN1C	IL2RG	KIAA0476	GABARAP	UGP2
RAD9	WAS	MAP2	RPL18	ATP6V1G	TALDO1	CTSL
KIAA0453	FBXO9	EN2	SPAG6	MARS	BCL6	IGHG3
IQGAP2	PRKAR1A	SPR	SULT1A2	MRPL33	EPB72	PEX11B
FBP17	DOK1	HXB	SOX4	HSF1	S100A8	BS2
FLJ12443	LYN	TPS1	VCP	FBP17	RABGGTA	CASP1
CD4411p13	TIMP1	ENDOG	IGBP1	AHR	HIF1A	CAST
CRADD	ARPC2	GALR3	SNRPN	ZFR	CDA	B2M
NFATC3	ELF4	ORP150	MAGED2	KIAA0906	PTPN12	ASAH
KIAA0265	BASP1	SLC6A13	AREG	PLCG2	C20orf16	RAB2
H2AFO	BID	CG018	TACTILE	RAB33A	TIMP1	RAG1
KRT8	NDUFB8	RARRES2	CD97	PSMA4	CSK	TRA@
C20orf14	ITGB1	CHD3	LPXN	TRAP1	MAD	ISG15
BAG1	MLCB	KNSL2	TMSNB	PRKCB1	CTSD	EIF2S1
CGI-57	ATP6V0E	TNFSF9	ASMTL	RASA1	PTENP1	CRA
13033	COX7C	ENDOGL1	IMPDH2	TP53BP1	CUTL1	SCYA5
CHC1L	MAGED2	MGLL	LMNA	INPP5D	FLOT2	MADH2
KIAA0766	NUCB2	SLC7A1	CD72	NME2	MPP1	LTBR
PSR	ACTR2	MCCC2	CD79A	HMG14	CKAP4	TNFSF10
DPYSL3	OS-9	GIT2	MDK	MGC2840	DR1	ARPC2
SERPINB8	HLA-F	GEM	SERPINE1	TETRA	HSPC022	PPP2R5C
HRI	PCMT1		CIC	PIK3CD	AKR1C2	CDK2

Figure 16

Bayesian (4:11)	SVM (4:11)	Fuzzy (4:11)	DA (4:11)
RPL5	CKAP4	POU4F1	TRA@
TRA@	BAX	APOC2	CST3
KIAA1157	CTGF	ECGF1	NFATC3
STS	ICAM3	S100A12	BLNK
NFATC3	PROML1	ITGAM	SDR1
KIAA0542	NR1H3	HK3	CTGF
UMPK	BLNK	CES1	KIAA0585
RPS16	SDR1	MNDA	ICAM3
BLNK	CST3	CSPG2	KIAA0020
KIAA0970	RAB33A	RAB32	PKD2
NACA	LY117	CXX1	BLK
RPS28	PLAGL1	EPB41L3	RAB33A
NFATC3	DNTT	SCYA5	NFATC3
RAD9	SUCLA2	CKAP4	LCP2
JUND	TANK	CTSG	KIAA1157
HAT	MN1	MACS	STX1A
RPL8	GBP1	HDC	BCL11A
RPS9	RDX	ITGA7	H2BFL
SYNGR1	MACS	FCER1G	LSP1
DKFZP564M1462	LC27	HOMER-3	PLAGL1
RPL32	LSP1	CSPG2	SLC35A3
UBN1	KIAA0020	DNCI1	TANK
RRBP1	RGS13	LC27	RUNX1
KIAA0907	ICAP-1A	CSTA	RECQL
	STX1A	GS3955	GNA15
	LOC54103	GRN	LOC57187
	FBN1	MSE55	CSRP2
	KIAA0471	CRA	CD72
	SCHIP1	ITGB2	KIAA0471
	KIR3DL1	ALOX5	RDX
	LCCP	DNTT	STAT2
	LOC57187	ICAM3	FLT3
	HRY	SNN	LOC54103
	TIMP1	S100A11	CKAP4
	KIAA0429	TLR2	NFATC3
	BID	IL6	CTSH
	ZW10	SLC16A3	ICAP-1A
	GTPBP1	PECAM1	HSU79252
	PFN2	DXS9928E	SDHC
	UBE2G1	JUN	FNBP3

Bayesian MLL	SVM MLL	Fuzzy MLL	DA MLL
UBN1	MKI67	HDC	NR1H3
HCLS1	UTRN	POU4F1	CUL2
KIAA0945	C8orf2	SPAG6	FLT3
NFATC3	ACTG1	HBZ	PRH1
MD-1	NUP153	GPM6B	RBM10
TRA@	GAS7	CSRP2	HOXA9
RAD9	UMPK	CHRNA7	NFATC3
KIAA0453	ERBB3	ITGA2B	NIPSNAP1
IQGAP2	TMOD	CCND2	FLT3
FBP17	CAD	TRB@	AF038169
FLJ12443	SLC25A16	LC27	PROML1
CRADD	AHCY	CREM	ALOX5AP
NFATC3	TOP3B	AKR1C3	HSPB2
KIAA0265	BAIAP3	H2AFN	SMAP
H2AFO	PRKCQ	H3FB	ADCYAP1
KRT8	PSMF1	GATA2	DKFZP586I111
TOM	TRIM33	ALOX5	GIT2
BAG1	PPIC	FOLR3	MMP1
CGI-57	FLT3	CD3D	IRAK1
CHC1L	MDH1	MME	MME
KIAA0766	MAP4	IL6	TNFRSF5
KIAA0585	LILRA3	KIAA0453	MGST3
DPYSL3	SIAT4A	DKFZP586I111	RNAHP
SERPINB8	BIK	RPP14	CD38
	D123	KLF1	KIAA1218
	KIAA0806	CSPG4	CAPG
	ZNF146	VRP	MSX1
	TOP2B	PRL	KIAA0976
	XRCC5	PRKCZ	SUPT4H1
	NCOR1	OSTF1	CDK5R2
	CFLAR	HOXB2	RECQL
	CD37	PSMD13	LGALS1
	ACK1	KIAA0960	PNLIPRP1
	BAT8	IGHG3	GPM6B
	B1	M6A	FBN1
	KIAA0595	NR4A3	IL17R
	LCE	KIAA0766	TLR1
	CBL	PDGFA	LU
	KIAA0470	DLK1	MAPK9
	LIF	TERF1	LIM

Figure 17

Contrast t(4;11) vs. NOT	Contrast MLL vs. NOT
B lymphoid tyrosine kinase	fms-related tyrosine kinase 3
short-chain dehydrogenase/reductase 1	prominin mouse like 1
FK506 binding protein 12-rapamycin associated protein 1	fms-related tyrosine kinase 3
protein kinase D2	FK506 binding protein 12-rapamycin associated protein 1
deoxynucleotidyltransferase terminal	cysteine and glycine-rich protein 2
cystatin C amyloid angiopathy and cerebral hemorrhage	phosphoserine aminotransferase
B cell linker protein	B lymphoid tyrosine kinase
CD19 antigen	villin 2
runt-related transcription factor 1 acute myeloid leukemia 1 aml1	KIAA0766 gene product
regulator of G-protein signalling 16	beta-tubulin cofactor D
hypothetical protein FLJ10173 NM 022893 B-cell CLL/lymphoma 11A	H2B histone family member Q
purinergic receptor P2X ligand-gated ion channel 5	purinergic receptor P2X ligand-gated ion channel 5
villin 2	integrin alpha 4 precursor
guanine nucleotide binding protein G protein alpha 15 Gq class	phosphorylase kinase gamma 1 muscle
myosin light polypeptide 1 alkali skeletal fast	CD72 antigen
myristoylated alanine-rich protein kinase C substrate	KIAA0189 gene product
intercellular adhesion molecule 3 precursor	Meis1 homolog
hypothetical protein	uridine monophosphate kinase
MAD mothers against decapentaplegic Drosophila homolog 2	fibrillin 1
Wilms tumor 1 isoform A	guanine nucleotide binding protein G protein alpha 15 Gq class
cathepsin H	KIAA0676 protein
Wilms tumor associated protein	amyloid beta A4 precursor protein protease nexin-II Alzheimer disease

Figure 18

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